

ABSTRACT

Electronic components are integrated onto the front surface of a circuit board 1 having an interconnection pattern formed thereon. In the vicinity of a particular electronic component (FET) 2 among those components that is likely to generate heat, a thermal fuse 4 is provided for breaking circuit when the temperature of this electronic component increases. In the circuit board 1, a through opening 1a is provided in the area where the FET 2 is located. The FET 2 is attached to the front surface of the circuit board 1 to extend across the through opening 1a. On the rear side of the FET 2, the thermal fuse 4 is attached to partially enter the through opening 1a via a heat-conducting resin 3 such as silicone resin. This structure thus obtained for mounting the thermal fuse on the circuit board enables reduction of the thickness to the surface of mounted components without thinning the circuit board, enables a thermal fuse to be mounted on any circuit board which is to be housed in an extremely small space like the one in a notebook computer, and ensures breaking of circuit when abnormality occurs by sensitively detecting the temperature of any component which readily increases in temperature.